

Name: Stefan Tassalas

CONFIRMATION?

Date: 06/24/14

WEEKLY ONE SENTENCER:

GEL LANE ORDER:

DAILY ONE SENTENCER:

- * Figure out how to find
- * Finish finding
- Finish prep of competent cells
- * Transformation Efficiency

METHOD(S) OF CHOICE:

- Centrifuge
- Falcon tubes
- Plates

EXPECTED RESULT:

- High Efficiency

Start between 0.45-0.8

(☐ check if APE file exists on Drive)

TEMPLATE(S):

OLIGO(S):

THERMOCYCLER SETTINGS:

CONTROLS:

POSITIVE:

NEGATIVE:

GEL PICTURE / OTHER SPACE:

Name: Troy van Beck

CONFIRMATION?

Date: 6/23/2014

Gel Electrophoresis ✓

WEEKLY ONE SENTENCER:

Finish Formatting of Project, Notebook, & Team Wiki pages

GEL LANE ORDER:

DAILY ONE SENTENCER:

Clone Promoters into RBS & mCherry / Format team Bios page.

GEL PICTURE / OTHER SPACE:

METHOD(S) OF CHOICE:

PCR
Gel Extraction

EXPECTED RESULT:

~1100 bp band

(☐ check if APE file exists on Drive)

TEMPLATE(S): RBS L1+ mCherry

→ insert detail

OLIGO(S): 80-85 & 363

THERMOCYCLER SETTINGS: (94 2') (94 15" | 65 15" | 68 1.5') (68 4')

CONTROLS:

POSITIVE:

NEGATIVE: Non-Template Containing

Name: Kathryn Fithon

CONFIRMATION?

Date:

6/24/14

WEEKLY ONE SENTENCER:

GEL LANE ORDER:

continue testing RBS primers + promoters

DAILY ONE SENTENCER:

H1-L1 RBL

digest + ligate plasmid w/ ~~vector~~ promoter/RBS primer

METHOD(S) OF CHOICE:

Xsp digestion gel extraction + PCR purification

transformation PCR purification

EXPECTED RESULT:

band @ 2kb

☒ check if APE file exists on Drive)

TEMPLATE(S): PH1 RL1, PH2 RL1, PM1 RL1, ~~PM2 RL1~~, PL1 RL1, + melting data

OLIGO(S): ~~PM2 RL1~~

THERMOCYCLER SETTINGS:

CONTROLS:

POSITIVE:

NEGATIVE:

w/o enzymes

Name: Ishu. C

Date: 6/24/14

WEEKLY ONE SENTENCE:

- Finish correctly inserting the RBS (74-77) into mCherry.
- ~~Two~~ week presentation for Friday

DAILY ONE SENTENCE:

- E2 P digestion of RBS (74-77) + mCherry
- ~~Rest~~ + ligase
- Transform

METHOD(S) OF CHOICE:

- General digestion
- ~~General~~ ligation
- Transformation

EXPECTED RESULT:

- Bands at ratio for mCherry & 2x for RBS + mCherry.

(☒) check if APE file exists on Drive)

TEMPLATE(S): ~~74-77~~ + mCherry.

OLIGO(S): ~~363~~, ~~74-77~~

THERMOCYCLER SETTINGS:

CONTROLS:

POSITIVE:

NEGATIVE: ~~no polymerase~~

CONFIRMATION? Gel extract.

GEL LANE ORDER:

GEL PICTURE / OTHER SPACE:

- Made competent cells
- Made gels!
- ~~Re~~ did PCR

Name: *Coleen Tran*

CONFIRMATION?

Date: *6/24/24*

gel

WEEKLY ONE SENTENCER:

working on RBS

GEL LANE ORDER:

DAILY ONE SENTENCER:

digest + ligate

RBS + mCherry info

METHOD(S) OF CHOICE:

digest, ligate, ~~transform~~ transformation

EXPECTED RESULT:

(☒ check if APE file exists on Drive)

TEMPLATE(S): *RBS + mCherry*

, mCherry

OLIGO(S):

THERMOCYCLER SETTINGS:

CONTROLS:

POSITIVE:

NEGATIVE:

GEL PICTURE / OTHER SPACE:

Name: Jennifer Zhang

Date: 4/24/14

WEEKLY ONE SENTENCER: continue testing RBS primers /
primers

DAILY ONE SENTENCER: digest and ligate RBS ZLI w/
primers P41, P42, P41, P42, P41 at x/P

METHOD(S) OF CHOICE:

digestion
ligation
extraction
transformation

EXPECTED RESULT:

band (vector) ~ 2kb
band (insert) ~ 808 bp

☒ check if APE file exists on Drive

TEMPLATE(S): ZLI w/ P41 - P41

OLIGO(S):

THERMOCYCLER SETTINGS: digest

CONTROLS:

POSITIVE:

enzymes

NEGATIVE:

w/o enzymes

CONFIRMATION?

gel

GEL LANE ORDER:

GEL PICTURE / OTHER SPACE:

digest:

insert

0.3 mc xba1

0.3 ml Pst1

2 ml buffer

vector

0.3 ml xba1

0.3 ml Pst1

2 ml buffer